XML Version

This is the zero client footprint module for the Entire Screen Builder Server. It is responsible for converting the character screens to XML which can be displayed in a browser following transformation into HTML using a stylesheet.

The following topics are covered below:

- XML Version Settings

- Log Connections

Note:
When the Entire Screen Builder Server has been stopped, only the settings can be displayed. The object "Log Connections" is not available.

XML Version Settings

In the tree-view frame, select the "XML Version" object (i.e. the name next to the plus sign).

When the Entire Screen Builder Server has been stopped, the following dialog appears:

Properties

The following properties can only be modified when the Entire Screen Builder Server has been stopped.

Rules repository

The directory containing the XSL style sheets.

When specifying a network drive, you cannot use the **Browse** button. You have to enter the network drive and path information in the **Rules repository** text box.

If the rules repository is to be accessed using a network drive, an account must be associated with the Entire Screen Builder Service. The account must have access rights to the network drive on which the repository is stored. Make sure that the password of this account never expires. Otherwise, the repository cannot be accessed.

To associate the account with the Entire Screen Builder Service go to Services in the Control Panel, select **Software AG Entire Screen Builder Service** and display the properties. In the resulting dialog box, specify the account on the Log On page.

Timeout

Timeout in seconds for automatically disconnecting idle connections (0 means infinite). A connection is considered idle when there is no data traffic between the client and host.

Skip application detection

If you are not using the Preview SDK to identify screens or to define the characters to be deleted in the XML Version, it is recommended that you select this check box to turn off application detection. This will enhance server performance.

Activate delete characters

Select this check box if you want to define the characters that are not to be displayed by the viewer.

In mainframe, UNIX and OpenVMS applications, specific characters are used to differentiate between unprotected and protected fields. Under Windows these characters are not required. When you specify the characters that are used in your legacy application in the text box below, these characters are no longer shown.

As the browser edit controls do not allow an "Overwrite" mode, we recommend that you define the delete character(s).

A delete character can also be defined with the Control Attributes rule of the Preview SDK.

Characters to be deleted

Specify the characters to be deleted in this text box.

If one, and only one, of the characters defined for this rule is contained in an output field, this output field will not be shown. If the output field contains other characters in addition to this character (either defined or undefined), this rule will not be applied. This rule can be used, for example, to delete fields containing the underscore (_) character. Blanks are ignored.

Listen address

Since a computer can have several Ethernet cards, Entire Screen Builder provides a mechanism for listening to differnet IP addresses in the same system.

You can choose the **Add** button to define an additional address.

- **IP address**
  Specify the IP address to which an XML Version thread is listening. If you do not specify an IP address, the XML Version listens to the default IP address configured in the system.

- **Port number**
  The number of the port where an XML Version thread listens.

Commands

The following command buttons are only available when the server is running.

Load	Load the module if it is unloaded. The detail-view frame informs you whether the module has been loaded successfully.
Unload	Unload the module if it is loaded. The detail-view frame informs you whether the module has been unloaded successfully.
Send Message	Send a message to the clients currently connected through this module. See also *Sending Messages*.

Log Connections

By default, statistics information is deactivated. Statistics can only be activated when the server has been started. See *Starting and Stopping the Entire Screen Builder Server*.

You can activate this type of statistics to create a log entry for each client workstation that connects to the Entire Screen Builder Server. The log entry contains the IP address of the client workstation and the type of session that was used to connect.

Under Windows, the log entry is stored in the Windows Event Viewer. In the UNIX environment, the log entry is stored in the file *ewvserver.txt*.

Select "Log Connections" which is located under the "XML Version" object.

Log Connections	
Property	**Value**
💬 Monitoring Status	On

Commands

Activate	Activate this type of statistics.
Deactivate	Deactivate this type of statistics.